

Introduction to Python Programming in Geology

Get Professional Certificate
in just 20 hours

Course Fees

Indian Citizen

Student (M.Sc.) : ₹ 2750 (INR)

Professional : ₹ 6000 (INR)

Foreign Citizen

Student (M.S.) : \$ 100 (USD)

Professional : \$ 170 (USD)

Course Structure

- ① Learn Python programming from scratch
- ② Solve geological problems using Python Programming
- ③ Hands-on course where you write programs in using Geology and Python
- ④ Work on your own projects and get help

Course Particulars

Course Days: **Saturday and Sunday**

Number of Classes: **8 classes (Online)**

Class Time: **7 pm -9:30 pm**

Course Starts: **28th February, 2026.**

Course ends: **22nd March, 2026**

Visit the link for REGISTRATION
:<https://forms.gle/cc0LsMS53Cv1qRRY6>

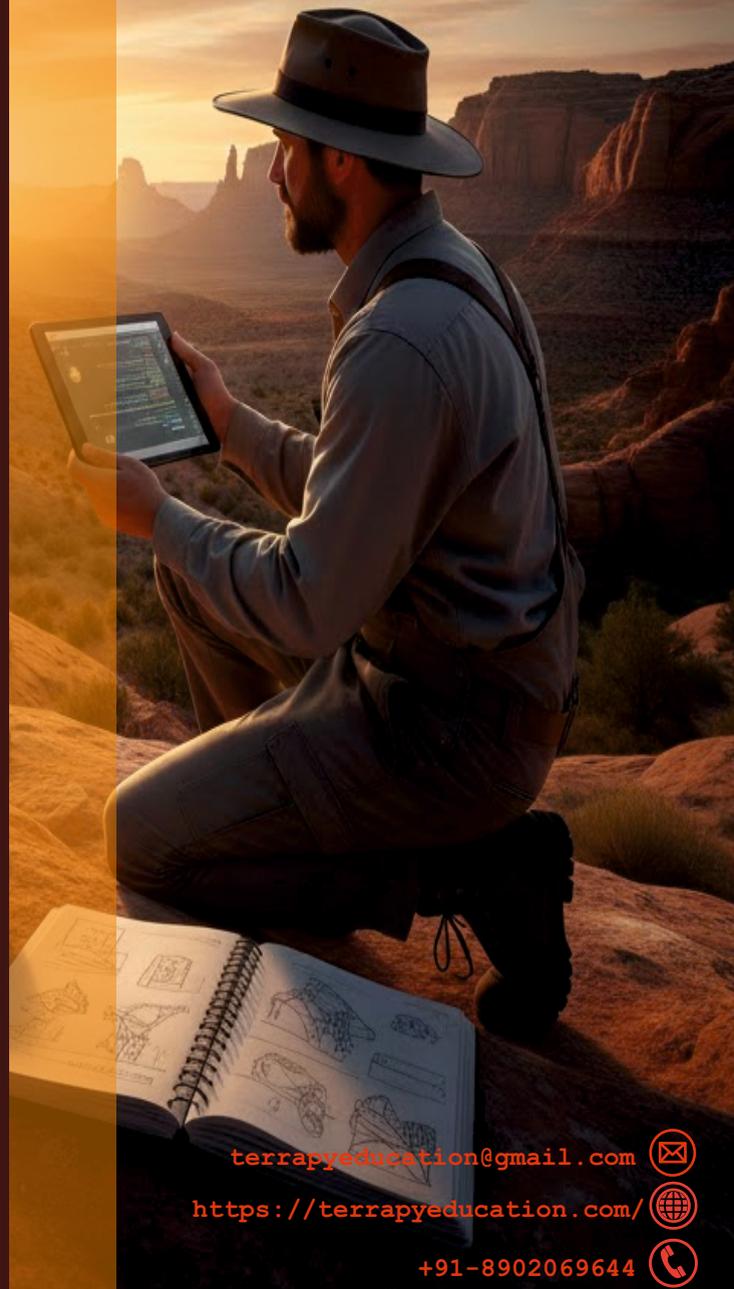
Registration started !!

**SIMULATING
SCIENCE
AND ROCKS**



TERRAPY
EDUCATION

An MSME & ISO 9001:2015 registered



terrappyeducation@gmail.com

<https://terrappyeducation.com/>

+91-8902069644

Brief Course Content

TerraPy Education Course Marathon 2026

A. Course 1: Introduction to Python Programming in Geology (2026)

1. Installation of Python related software. Creating different environments. No prior experience in programming is necessary to take this course.
2. Description of 3-5 geological examples, of undergraduate level, of varying complexity that will be used to demonstrate how to apply python programming to geological problems.
3. Fundamentals of Python Programming (No prior experience in programming required).
4. Data Types, Variables, Procedural Programming, Conditions, Loops, Data Containers, and Function.
5. Python Libraries: NumPy for performing mathematical operations, Pandas for simple data analysis, Matplotlib for visualization, and more.
6. End of Course examination on the last day of the course.